

CLAIMS

Having thus described my invention, I claim:

1. An evacuation system comprising:
 - 2 means for determining a safe direction of evacuation from a premises depending on
 - 3 a location of a threat or other condition; and
 - 4 means for indicating to individuals the direction of evacuation.

1. 2. The evacuation system of claim 1 further comprising:
 - 2 means for notifying other parties external to the premises of the evacuation.

1. 3. The evacuation system of claim 1 wherein the means for determining a safe direction of evacuation comprises:
 - 2 one or more sensors to indicate a threat, its type and its location.

1. 4. The evacuation system of claim 3 wherein the sensors comprises one or more individuals who observe the threat.

1. 5. The evacuation system of claim 3 wherein the one or more sensors includes one or more devices taken from a group of fire and smoke detectors, gas detectors and radioactive detectors.

1. 6. The evacuation system of claim 1 wherein the means for indicating the direction of evacuation comprises audio indicators.

1. 7. The evacuation system of claim 1 wherein the means for indicating the direction of evacuation comprises visual indicators.

1 **15.** The evacuation system of claim **13** wherein the coded alarm comprises:
2 one beep to indicate evacuation through one of the predetermined exit site or to the
3 North;
4 two beeps to indicate evacuation through one of the predetermined exit site or to the
5 East;
6 three beeps to indicate evacuation through one of the predetermined exit site or to the
7 South;
8 four beeps to indicate evacuation through one of the predetermined exit site or to the
9 West; and
10 a steady beep to indicate to seek shelter inside premises.

1 **16.** The evacuation system of claim **13** wherein the coded alarm comprises a
2 fading sound to indicate correct direction for evacuation.

1 **17.** The evacuation system of claim **2** wherein the means for notifying other parties
2 comprises a telephone interface having automatic dialing capability having a
3 predetermined plurality of numbers and playback recorded messages.

1 **18.** The evacuation system of claim **2** further includes at least one from a group
2 consisting of a personal computer, e-mail, pagers, cellular phones, satellite and
3 internet technology.

1 **19.** The evacuation system of claim **1** wherein the means for determining a safe
2 direction includes an on-site weather station capable of providing at least wind
3 speed and wind direction.

1 **20.** The evacuation system of claim 1 wherein a plurality of evacuation systems are
2 linked together to provide for protection over a plurality of premises and an
3 area.

1 **21.** The evacuation system of claim 20 wherein:
2 the linked evacuation systems use latitude and longitude coordinates;
3 each coordinate comprises a location of a connected node; and
4 the latitude and longitude coordinates are used to determine evacuation direction for
5 that location.

1 **22.** A method of evacuating premises comprising the steps of:
2 a. ascertaining a safe direction of evacuation depending on a threat location,
3 weather or other conditions; and
4 b. directing evacuation using audio and visual means.

1 **23.** The method claimed in claim 22 further comprising the step prior to step b of:
2 using a web interface to initiate the evacuation.